

**Notice of Allowability**

Application No.

10/000,387

Examiner

Hiep T Nguyen

Applicant(s)

DUROJ, DAN

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the preliminary amendment filed 11/31/01.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ The drawings filed on 30 November 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 11/30/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

*Hiep T Nguyen*  
Hiep T Nguyen  
Primary Examiner  
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## **EXAMINER'S AMENDMENT AND REASONS FOR ALLOWANCE**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

**Claims 1** (original) A virtual hard disc (24) interface on a handheld portable card or disc (22), being crash secured and accessed through said card or disc (22) with software storage capability, comprising:

a connection to one hard coded address domain server (26) in a network for data and telecommunication;

said domain server (26) providing a plurality of virtual hard disc (24) spaces;

said domain server and one of said plurality of hard discs being reached from any host computer (28) or terminal with a corresponding card or disc receiver through said hard coded address, whereby the card or disc (22) provides a user personal hard disc to an arbitrary computer (28) or terminal;

a file transfer protocol for copying or retrieving files between card or disc and a space in said virtual hard disc (24) or vice versa;

a graphical (12) software representation of tiles in said virtual hard disc (24) on said card or disc (22); and

thereby providing said card or disc (22) having only one access path to said one domain server (26), thus providing a stationary user unchangeable portable hard disc interface, being crash secure.

**Claim 2** (original) A virtual hard disc (24) interface according to claim 1, wherein a user identity and a password entered through said card or disc (22) provides access to one of said plurality of hard disc spaces.

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**Claim 3** (previously amended) A virtual hard disc (24) interface according to claim 1, wherein drag and drop 25 is used for adding files to said card or disc graphics.

**Claim 4** (Previously amended) A virtual hard disc (24) interface according to claim 1, wherein said card or disc provides that it can run on any computer or terminal with transparent software.

**Claim 5** (Original) A virtual hard disc (24) interface according to claim 2, wherein the space is made available to a user through drop and drag an icon/graphics onto the card or disc as a useridentity and password, whereby the icon/graphics pixels are matched to stored pixels on the card or disc for the graphic shown in the icon.

**Claim 6** (previously amended) A virtual hard disc (24) interface according to claim 1, wherein a data transfer between two hard discs (24) is provided in high-speed through a server (26) internal transfer.

**Claim 7** (currently amended) A System (20) comprising [an] a handheld portable card or disc (22) with an interface to a crash secure virtual hard disc (24) accessed through said card or disc (22) with software storage capability, comprising:

a hard coded address domain server in a network for data and telecommunication;

a plurality of virtual hard disc (24) spaces in said server;

said domain server and one of said plurality of hard discs being reached from any host computer (28) or terminal with a corresponding card or disc receiver through said hard coded address, whereby the card or disc (22) provides a user personal hard disc to an arbitrary computer (28) or terminal;

a file transfer protocol for copying or retrieving tiles between card or disc (22) and a space in said virtual hard disc (24) or vice versa;

a graphical (12) software representation of files in said virtual hard disc on said card or disc[:];

a temporary memory space in a host computer (28) or terminal running the card or disc for processing said files;

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and thereby providing said card or disc having only one access path to said one domain server, and thus comprising stationary user unchangeable portable hard disc (24) interfaces, being crash secure.

**Claim 8 (Original)** A system (20) comprising a virtual hard disc (24) according to claim 7, wherein a useridentity and a password entered through said card or disc (22) provides access to one of said plurality of hard disc spaces.

**Claim 9 (previously amended)** A system (20) comprising a virtual hard disc according to claim 7, wherein drag and drop is used for adding files to said card or disc graphics (12).

**Claim 10 (previously amended)** A system (20) comprising a virtual hard disc (24) according to claim 7, wherein said card or disc provides that it can run on any computer (28) or terminal with transparent software.

**Claim 11 (Original)** A system (20) comprising a virtual hard disc (24) according to claim 8, wherein the space is made available to a user through drop and drag an icon/graphics onto the card or disc as a useridentity and password, whereby the icon/graphics pixels are matched to stored pixels on the card or disc for the graphic shown in the icon.

**Claim 12 (Previously amended)** A system (20) comprising a virtual hard disc (24) according to claim 7, wherein a data transfer between two hard discs (24) is provided in high-speed through a server (26) internal transfer.

2. The following is an examiner's statement of reasons for allowance:

Claims 1-12 are allowed over the prior art of record because none of the prior art of record teaches or fairly suggests the claimed virtual hard disc interface on a handheld portable card or disc having (i) a connection to one hard coded address domain server having a plurality of virtual hard disc

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spaces, (ii) a file transfer protocol for copying or retrieving file between the card or disc and a space in the corresponding virtual hard disc or vice versa, and (iii) a graphical software representation of files in said virtual hard disc on said card or disc in a network for data and telecommunication, wherein the domain server and one of the plurality hard discs being reached from any host computer or terminal with a corresponding card or disc receiver through said hard coded address, as stated in the independent claim 1, lines 4-17 and claim 7, lines 4-18

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hiep T Nguyen whose telephone number is (703) 305-3822. The examiner can normally be reached on Monday-Friday from 9:30 a.m. to 6:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Sparks can be reached on (703) 308-1756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Hiep T Nguyen  
Primary Examiner  
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HTN

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